

Attorney Docket No.: 0140152
Application Serial No.: 09/164,432

REMARKS

This is in response to the *Non-Final* Office Action, dated January 17, 2007, where the Examiner has rejected claims 1-4, 6-10 and 12-17, and objected to claims 5 and 11. Applicant acknowledges and appreciates the Examiner's statement regarding allowability of dependent claims 5 and 11 if rewritten in independent form. By the present amendment, applicant has amended claims 1, 6 and 13, cancelled claims 5 and 11, and added new claims 18-20. Allowance of pending claims 1-4, 6-10 and 12-20 in view of the following remarks is respectfully requested.

A. Rejection of Claims 1-4, 6-10 and 13-17 under 35 U.S.C. § 102(e)

The Examiner has rejected claims 1-4, 6-10 and 13-17 under 35 U.S.C. § 102(e), as being anticipated by Lansdowne (USPN 5,737,323) ("Lansdowne").

Applicant respectfully disagrees; however, in order to expedite the prosecution of the present application, applicant has amended claim 1 to include the limitations of claim 5, and amended claim 6 to include the limitations of claim 11. It is respectfully submitted that claims 1 and 6, as amended, are now in condition for allowance, based on the Examiner's statement that claims 5 and 11 would be allowable if rewritten in independent form. Accordingly, claims 1 and 6, and their respective dependent claims 1-4 and 7-10, should now be allowed.

Further, applicant has amended independent claim 13 to recite "waking up the high frequency timing circuit from the sleep mode by applying power to a high frequency oscillator that drives the high frequency timing circuit, in response to a wake up signal generated by the low frequency timing circuit; and synchronizing the high frequency timing circuit, after the waking up, using the low frequency timing circuit and a signal from the high frequency oscillator

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to generate a synchronization pulse that aligns the high frequency timing circuit.” Applicant respectfully submits that claim 13, as amended, is now in condition for allowance for one or more reasons that the Examiner has found claim 5 to be allowable if rewritten in independent form. Accordingly, claim 13, and its dependent claims 14-17, should also be allowed.

B. Rejection of Claim 12 under 35 U.S.C. § 103(a)

The Examiner has rejected claim 12 under 35 U.S.C. § 103(a), as being unpatentable over Lansdowne.

Applicant respectfully submits that claim 12 depends from claim 6, as amended, and should be allowed at least for the same reasons stated above in conjunction with patentability of claim 6.

C. New Claims 18-20

By the present amendment, applicant has added new independent claim 18, which recites “waking up the high frequency timing circuit from the sleep mode in response to a wake up signal generated by the low frequency timing circuit; generating a first frame pulse using the high frequency timing circuit after the waking up; and synchronizing the high frequency timing circuit, after the generating, to the frame pulse based on the timing of the low frequency timing circuit.” It is respectfully submitted that based on the invention of claim 18, after waking up the high frequency timing circuit, a first frame pulse is generated using the high frequency timing circuit, and the synchronization occurs after generation of the first frame pulse by the high frequency timing circuit. Applicant respectfully submits that Lansdowne fails to disclose, teach

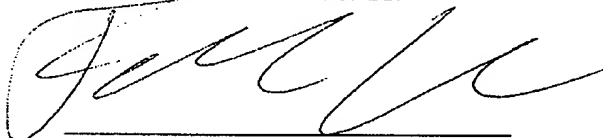
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or suggest that the first frame pulse is generated by the high frequency timing circuit before the synchronization. Accordingly, it is respectfully submitted that claim 18, and its dependent claims 19-20, are patentably distinguishable over Lansdowne, and should be allowed.

D. Conclusion

For all the foregoing reasons, an early notice of allowance for claims 1-4, 6-10 and 12-20 pending in the present application is respectfully requested. The Examiner is invited to contact the undersigned for any questions.

Respectfully Submitted;
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